AMENDMENTS TO THE CLAIMS

Kindly amend the claims as follows:

Claims 1 – 119 (cancelled)

120.   (new) A method for monitoring objects comprising:

imaging together a plurality of objects to be monitored to provide an at least partial image of said plurality of said objects, each of said plurality of objects having at least one dynamic identifier affixed thereto, each of said dynamic identifiers comprising coded indications of at least the identity of said object and a variable parameter relating to said object; and

processing said at least partial image to provide said coded indications relating to said identity of at least one of said plurality of objects and said variable parameter relating thereto.

121.   (new) The method as in claim 120 wherein said at least one dynamic indicator changes its visual display in real time in accordance with said variable parameter.

122.   (new) The method as in claim 121 wherein said variable parameter comprises the environment history of said object.

123.   (new) The method as in claim 122 wherein said variable parameter comprises the location of said object.

124.   (new) The method as in claim 122 wherein the environment history of said object comprises at least one of the following: object maximum temperature history, object maximum humidity history, object minimum temperature history, object minimum humidity history, object tilt history and object G-force history.

125.   (new) The method as in claim 123 further comprising generating a tracking indication based on the identity and location of said object.

2

APPLICANT(S): Moti SHNIBERG et al.
SERIAL NO.: n/a (Nat. Phase of PCT/IL03/00045)
FILED: July 19, 2004

126. (new) The method as in claim 125 further comprising storing said tracking indication.

127. (new) The method as in claim 125 further comprising communicating to a remote location at least one of said tracking indication and said at least partial image.

128. (new) An object monitoring system comprising:

an imager for imaging together a plurality of objects to be monitored to provide an at least partial image of said plurality of said objects, each of said plurality of objects having at least one dynamic identifier affixed thereto, each of said dynamic identifiers comprising coded indications of at least the identity of said object and a variable parameter relating to said object; and

a processor coupled to said imager and configured to process said at least partial image to provide said coded indications relating to said identity of at least one of said plurality of objects and said variable parameter relating thereto.

129. (new) The system as in claim 128 wherein said imaging is a color imager.

130. (new) The system as in claim 128 wherein said at least one dynamic indicator changes its visual display in real time in accordance with said variable parameter.

131. (new) The system as in claim 128 wherein said variable parameter comprises the environment history of said object.

132. (new) The system as in claim 131 wherein said variable parameter comprises the location of said object.

133. (new) The system as in claim 131 wherein said object environment history comprises at least one of the following parameters: object maximum temperature history; object maximum humidity history; object minimum temperature history; object minimum humidity history; object tilt history and object G-force history.

APPLICANT(S): Moti SHNIBERG et al.
SERIAL NO.: n/a (Nat. Phase of PCT/IL03/00045)
FILED: July 19, 2004

134. (new) The system as in claim 132 wherein said processor is further configured to generate a tracking indication based on the identity and location of said object.

135. (new) The system as in claim 134 wherein said processor is further configured to store said tracking indication.

136. (new) The system as in claim 134 wherein said processor is further configured to communicate to a remote location at least one of said tracking indication and said at least partial image.

137. (new) The system as in claim 128 wherein said imager comprises a first plurality of imaging units and said processor comprises a second plurality of processing units, wherein said first plurality is greater than said second plurality.

138. (new) The system as in claim 128 wherein said imager comprises at least one scanning imager.

139. (new) The system as in claim 128 wherein said processor is further configured to process images captured at plural locations.

140. (new) A system for monitoring objects having sensors associated therewith and visually sensible indicators associated with each of said objects, the indicators receiving sensor outputs of said plurality of sensors and providing visually sensible indications of said sensor outputs, the system comprising:

at least one imager to capture images of said visually sensible indicators; and

at least one image processor to receive image outputs of said at least one imager and to extract from said image outputs coded information indicated by said visually sensible indicators.

4

APPLICANT(S):   Moti SHNIBERG et al.
SERIAL NO.:   n/a (Nat. Phase of PCT/IL03/00045)
FILED: July 19, 2004

141.   (new) The system as in claim 140 further comprising at least one display device receiving and displaying said coded information from said image processor.

142.   (new) The system as in claim 141 wherein said at least one display device is remotely located from said objects.

143.   (new) The system as in claim 140 wherein said coded information comprises at least the identity of said object and a variable parameter relating to said object.

144.   (new) The system as in claim 143 wherein said variable parameter comprises the environment history of said object.

145.   (new) The system as in claim 144 wherein said variable parameter comprises the location of said object.

146.   (new) The system as in claim 144 wherein said environment history of the object comprises at least one of the following: object maximum temperature history; object maximum humidity history; object minimum temperature history; object minimum humidity history; object tilt history and object G-force history.

147.   (new) The system as in claim 140 wherein said at least one imager comprises a plurality of imagers, which plurality is greater than the number of said at least one image processor.

148.   (new) The system as in claim 140 wherein said at least one imager comprises at least one scanning imager.

149.   (new) A method comprising:
        providing a plurality of sensors being associated with objects being monitored;
        providing visually sensible indicators associated with each of said objects;

5

APPLICANT(S): Moti SHNIBERG et al.
SERIAL NO.: n/a (Nat. Phase of PCT/IL03/00045)
FILED: July 19, 2004

providing sensor outputs of said plurality of sensors to said visually sensible indicators;

operating said visually sensible indicators to provide visually sensible indications of said sensor outputs;

providing at least one imager to capture images of said visually sensible indicators; and

providing at least one image processor to receive image outputs of said at least one imager and extract from said image outputs coded information indicated by said visually sensible indicators.

150. (new) The method as in claim 149 further comprising remotely receiving and displaying at least one of said coded information and said images of said objects.

151. (new) The method as in claim 149 wherein said coded information comprises at least the identity of said object and a variable parameter relating to said object.

152. (new) The method as in claim 151 wherein said variable parameter comprises the environment history of said object.

153. (new) The method as in claim 152 wherein said variable parameter comprises the location of said object.

154. (new) The method as in claim 153 wherein the environment history of said object includes at least one of the following: object maximum temperature history, object maximum humidity history; object minimum temperature history; object minimum humidity history; object tilt history and object G-force history.

155. (new) The method as in claim 149 further comprising processing images captured at plural locations.

156.   (new) A visually sensible indicator mountable on an object, the indicator comprising:

a coded indication of object identification; and

a coded indication of object environment history.

157.   (new) The indicator as in claim 156 further comprising a coded indication of object location.

158.   (new) The indicator as in claim 156 wherein said object environment history is at least one of the following: object maximum temperature history, object maximum humidity history, object minimum temperature history, object minimum humidity history, object tilt history and object G-force history.